Whitley and Monkseaton

Urban District Council.

ANNUAL REPORT

FOR THE YEAR, 1902,

OF

J. P. SPARKS, M.D.,

MEDICAL OFFICER OF HEALTH.

FEBRUARY, 1903.

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WHITLEY,

JAN. 22nd. 1903.

TO THE CHAIRMAN AND MEMBERS OF THE WHITLEY AND MONKSEATON URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to present to you the Annual Report for the year ending December 31st., 1902. It will be noticed that the general health of the district has improved as compared with 1901. The general death rate, the zymotic death rate, the infant mortality rate and the phthisis death rate have all materially decreased, while the birth-rate shews a slight increase.

Population :—The population of the district at the last census in 1901 was 7,705. The estimated population at the middle of 1902 was 9,000. The number of houses inhabited at the end of the year was 2,000, giving an average number of 4·5 persons per house.

Improvements :—For the following information I am indebted to the Surveyor, Mr. Moore. During the year 288 houses (29 of which were in flats), 42 shops, 2 hotels, and 1 place of worship have been erected, making a total of 333 buildings erected during the year.

5409 yards of house drains have been tested.
1608 ,, of 9in. sewers have been laid and inspected.
622 ,, of 12in. ,, ,, ,,
67 ,, of 18in. ,, ,, ,,
113 ,, of 6in, temporary sewers ,, ,,
611 ,, of 6in. surface water drains laid ,,
100 ,, of 9in. ,, ,, ,, ,,
67 ,, of 15in. ,, ,, ,, ,,

making a total of 4 miles, 1557 yards of sanitary pipes during the year.

Mortality Statistics :—The total number of deaths registered during the year was 97, equivalent to a death rate of 10·78 per 1000 of the population. The death rate in 1901 was 13·5 per 1000, and in 1900 calculated on a corrected estimate of population 13·56 per 1000.

Infant Mortality :—19 deaths occurred in infants under one year of age, equivalent to a mortality of 85 per 1000 births registered, and to an annual mortality of 2·1 per 1000 of population. In 1901 there were 16 deaths, giving a mortality of 150 per 1000 births, and an annual mortality of 3·25 per 1000 of population. Of the 19 deaths 1 was due to whooping cough, 2 to influenza, 5 to diarrhœa, 1 to bronchitis, 1 to congenital syphilis, 5 to premature birth, 1 to accident (being overlaid), and 6 to all other causes.

Zymotic Death Rate :—11 deaths were due to infectious diseases during the year, equivalent to a zymotic death rate of 1·22 per 1000 of population. The (corrected) zymotic death rate last year was 1·87 per 1000. Of the 11 deaths 1 was due to scarlet fever, 1 to diptheria, 2 to whooping cough, 1 to enteric fever, and 6 to diarrhoea.

Deaths from General Diseases :—There were 4 deaths from phthisis during the year, giving an annual mortality of ·44 per 1000 of population. In 1901 the mortality was 1 per 1000. 1 death was due to tubercular diseases other than phthisis as compared with 10 in 1901. Thus, in 1902, 5 deaths were due to tubercular diseases as compared with 18 in 1901.

From acute diseases of the respiratory system, 5 deaths were registered, equal to an annual mortality of ·55 per 1000, of these 4 were due to bronchitis and 1 to pneumonia. Cancer caused 8 deaths as compared with 3 in 1901. Heart disease caused 18 deaths as compared with 14 in 1901.

Birth-Rate :—200 births were registered during the year equivalent to a rate of 22·22 per 1000 as compared with 21·62 in 1901.

Infectious Diseases :—95 notifications of infectious diseases were received during the year, 57 of scarlet fever, 6 of diphtheria, 4 of erysipelas, 3 of enteric fever, and 25 of chicken-pox.

Scarlet Fever :—Cases of scarlet fever occured in every month of the year, most cases occurring in August and September. The lack of an Isolation Hospital was much felt. One death was due to scarlet fever. The cases occured as follows :

Jan.	5	cases.	July	3	cases.
Feb.	5	,,	August	8	,,
March	5	,,	Sept.	10	,,
April	5	,,	Oct.	5	,,
May	3	,,	Nov.	1	,,
June	5	,,	Dec.	2	,,

Chicken Pox was made notifiable at the end of July, several cases were traceable to a boy who went to school with this disease.

Enteric Fever :—3 cases were reported, all of these were imported into the district and in no case did the disease spread. 3 deaths were due to notifiable infectious diseases, 1 to scarlet fever, 1 to enteric fever, 1 to diptheria, this is equivalent to a death-rate of ·33 per 1000 as compared with ·625 in 1901. The infected houses were visited and disinfected at the end of the case.

Dairies, Cowsheds and Milk Shops :—There are now 33 on the register. They have been visited and inspected several times during the year. Defects of drainage have been remedied, and they are now in good order.

Slaughter-Houses :—There are 8 slaughter-houses in the district, one of them is used by 3 butchers. They are all still unlicensed. They are kept clean, but from their position in the midst of residential property must always be a nuisance. There have been several complaints during the year of the objectionable smells arising from the slaughter-houses.

Factories and Workshops :—There are 26 on the register ; 6 bake-houses, 7 milliners and dressmakers, 4 joiners, 2 printers, 1 laundry, 1 sausage manufacturer, 2 blacksmiths, 1 plumber, 1 glazier, and 1 shoemaker. These have all been visited during the year and found to be in good sanitary condition, with ample air-space for workers and efficient ventilation. The bake-houses are limewashed twice a year. A Register of Workshops is kept. There are no offensive trades carried on in the district.

Water Supply :—The district is supplied by the Tynemouth Corporation, During the year there has been a plentiful supply of water of fairly good quality.

Methods of disposal of excrement : There are in the district 1693 water-closets inside and outside of the houses. Most of the houses have a water-closet inside the house and a privy-pail outside. The contents of the privy-pails mixed with ashes, are emptied into a cart and spread over the land. The privy pails are emptied daily. they are not cleaned when emptied, but the scavengers are supplied with carbolic powder to place in them. Ashpits are emptied once a month and the contents disposed of in the same way. Trade refuse is removed thrice a week.

The number of

Ashpits (most of which are combined privy-ashpits) is	72
Receptacles for dry house refuse ... ... is	869
Privy-pails ... ... is	1287
Waterclosets, outside and inside of houses ... is	1693

The sewers are repeatedly flushed from a flushing tank at the highest point of the system. The main sewer discharges into the sea.

Improvements :—During the year six cottages in Monkseaton which were in a dilapidated condition have been improved and rendered fit for human habitation. The tip-heap has been removed from its close proximity to the high road, thus greatly improving the western entrance into the district.

The sanitary condition of the slaughter-houses has been improved.

Chicken-pox has been made a notifiable disease. The report of the Sanitary Inspector which I append, shews the number of nuisances abated during the year.

Requirements of the district :—An Isolation Hospital and a Steam Disinfector are urgently needed. A Public Abattoir would greatly improve the sanitary condition of the district, until this is obtained the slaughter-houses should be licensed. The scavenging should be taken out of the hands of a contractor and dealt with by the Council. The few privy ash-pits which still remain in terrace houses in the district should be abolished.

The Sanitary Inspector has again proved himself an able and zealous officer, and I am indebted to him for his assistance during the year.

I am,

Gentlemen,

Your obedient servant,

J. P. SPARKS, M.D.,

Fellow of the Incorporated Society of Medical Officers of Health.

M. O. H.

Table I.—Vital Statistics of Whole District during 1902 and previous years.

WHITLEY AND MONKSEATON DISTRICT.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		Total Deaths Registered in the District.				Nett Deaths at all ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.			
		Number	Rate*	Number.	Rate per 1000 Births registered.	Number.	Rate*	Number.	Rate*
1	2	3	4	5	6	7	8	12	13
1892	No Information								
1893	No Information								
1894	No Information								
1895	4135	89	21·5			59	14·2	59	14·2
1896	No Information								
1897	5755	98	17			59	10·25	59	10·25
1898	No Information								
1899	No Information								
1900	9165		16·47						10·36
1901	8000	173	21·62	26	150	108	13·5	108	13·5
1902	9000	200	22·22	19	85	97	10·78	97	10·78

*Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 1,540.

Total Population at all ages 7,705
Number of inhabited houses.....1,550 } At Census of 1901.
Average number of persons per house .....4·98

Institutions outside the District receiving sick and infirm persons from the District :—The Union Hospital, North Shields.

Other Institutions, the deaths in which have been distributed among the several localities in the District :—The Northumberland Village Homes.

Table III.

Cases of Infectious Disease notified during the Year, 1902.

WHITLEY & MONKSEATON DISTRICT.

Notifiable Disease.	At all Ages.	Cases norified in whole District. At Ages—Years.			
		1 to 5.	5 to 15	15 to 25	25 to 65
Diptheria ...	6	3	2	1	
Erysipelas ...	4		1		3
Scarlet Fever ...	57	17	31	5	4
Enteric Fever ...	3			2	1
Chicken-pox ...	25	12	13		
Totals	95	32	47	8	8

Isolation Hospital.—None.

Table IV.

Causes of, and Ages at Death during Year, 1902.

WHITLEY & MONKSEATON DISTRICT.

Causes of Death.	Deaths in or belonging to whole district at subjoined ages						
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
1	2	3	4	5	6	7	8
Scarlet Fever ...	1		1				
Whooping-cough ...	2	1	1				
Diptheria and Membranous Croup ...	1		1				
Enteric Fever ...	1				1		
Epidemic Influenza ...	4	2				1	1
Diarrhœa ...	6	5	1				
Phthisis ...	4			1		3	
Other Tubercular diseases ...	1		1				
Cancer, malignant disease ...	8					4	4
Bronchitis ...	4	1					3
Pneumonia ...	1					1	
Alcoholism, Cirrhosis of Liver ...	5					4	1
Venereal Diseases ...	1	1					
Premature Birth ...	5	5					
Heart Diseases ...	18					8	10
Accidents ...	4	1				1	2
All other causes ...	31	6	3	3		10	9
All Causes ...	97	22	8	4	1	32	30

COUNTY OF NORTHUMBERLAND.

Whitley & Monkseaton Urban District Council.

Annual Report

OF THE

Inspector of Nuisances,

FOR THE YEAR 1902.

Annual Report of the Inspector of Nuisances.

To the Chairman and Members of the
Whitley and Monkseaton Urban District Council.

GENTLEMEN,

I beg to submit my Annual Report for the year ending December 31st., 1902.

Scavenging:—During the year about 5668 loads of house and shop refuse have been removed to the several tips in the district. Taking 12 Cwts. as an average load, the quantity of refuse removed is about 3400 Tons. See Table A. for details. The abandonment of the old tip at Hill Heads, and the provision of a new one further removed from the populous part of the district and from the main road, undoubtedly improves one of the main approaches to Whitley.

Nuisances:—Abatement of—see Tables B and C. Many nuisances have been abated by verbal request.

Slaughter Houses:—There are 8 slaughter houses in the district, one being used by three butchers. They have been kept fairly clean, and where necessary have been frequently lime-washed. The completion of the Public Abattoir which the Council are urging forward will be a boon to the district from a sanitary point of view.

Dairies, Cow-sheds and Milkshops:—during the past year the register has been revised. and there are now 33 names entered thereon. The sanitary condition of the various premises has been satisfactory. In two cases the drainage of the premises has been remodelled, and in one case a new cesspool provided. There are 198 Cows kept in the district, and at the time of my visits they appeared to be healthy.

Infectious Diseases ;—Notifications to the number of 95 have been received during the year ; 3 of the cases proved fatal. On the termination of the diseases the various premises were disinfected and cleansed. It is to be hoped that the efforts of the Council to provide an Isolation Hospital (either jointly or otherwise) will be successful at an early date.

I am pleased to report that no cases of Small-pox have occurred during the year.

Factories and Workshops Act :—There are now 26 Workshops (including 6 Bakehouses) on the register. These have been periodically inspected, and the sanitary condition found to be satisfactory.

I am, Gentlemen,

Your obedient servant,

W. H. MARTIN,

INSPECTOR OF NUISANCES.

Table A.

Cost of Removal of Domestic and Shop Refuse.

Removal of House and Shop Refuse—Contract Price - £795.

No. of Tons of Refuse dealt with - - - - - 3,400.

	Tons	Cost	Cost per Ton
		£	s. d.
Ashpits, Privy Pails, Dry Ash Pails, & Shop Refuse	3400	795	4 8¼

	Cwts,	Cost
		s. d.
Per Head of Population (9,000 estimated) - - -	7·5	1 9
Per House (*2,000 estimated) - - - - -	34·0	7 11¼

*Approximate Number of Houses occupied.
The Number of Houses in the District is over 2,200.

Number of Water Closets, Privies, Ashpits, etc., in the District.

Description.	Number.
Water Closets (in Houses and Yards) - - - -	1693
Ashpits (most of which are combined privy ashpits) -	72
Receptables for Dry House Refuse - - - -	896
Privy Pails - - - - - - - - - -	1287

Table B.

Summary of Nuisances,

For the Abatement of which Notices have been served and complied with during 1902.

Defective Drains (to make efficient and trap)	21
Hatch Doors (to provide)	37
Sanitary Pails (to provide)	80
Choked Drains (to remove obstructions)	39
To provide Sanitary Conveniences for Dry House Refuse ...	2
To remove Accumulations of Manure and other Filth ...	11
To provide Flush to W.C.	1
Dirty Yards and Sinks (served on occupiers)	3
To repair dilapidated Property	1
Abolition of Common Ashpits	3
Smoke Nuisance to abate	1
Total	199

Table C.

Details relating to certain Works carried out in the abatement of Nuisances during 1902.

Defective Drains, length in yards, reconstructed and made efficient	500
New Gullies provided to drains	10
Combined Privies and Ashpits removed	4
Water Closets provided	9
Pail Closets provided	...
Defective Water Closet Basin removed & better design substituted	1
Sanitary Pails provided	80
Receptacles and Recesses provided in place of common Ashpits	5
Drains tested with water and smoke	32
Hatch Doors provided	37
Choked Drains—Obstructions removed	39